Title (en)

CDMA wireless transmitter-receiver system and transmission power control method of a CDMA wireless transmission apparatus

Title (de)

CDMA drahtloser Sender-Empfänger und Sendeleistungsregelung für eine CDMA drahtlose Übertragungsvorrichtung

Title (fr)

Emetteur-récepteur sans fil à AMCR et procédé de commande de la puissance de transmission pour un appareil de communication à AMCR sans fil

Publication

EP 1187362 B1 20060503 (EN)

Application

EP 01307717 A 20010911

Priority

JP 2000277350 A 20000912

Abstract (en)

[origin: EP1187362A2] A control for varying a maximum transmission power of a transmitter according to a propagation loss or a distance between the transmitter and a receiver is made possible to reduce deterioration of a user capacity to a minimum. In a wave propagation loss measurement section (209), a calculation is performed on the basis of an amplification factor of a reception amplifier (211), amplitude information and a base station transmission power information of a reception baseband signal to calculate a wave propagation loss of a reception signal, thereby estimating a propagation loss of transmission signal. The wave propagation loss information is inputted to a maximum amplification amount designation circuit (208) to decide a maximum amplification factor. The maximum amplification amount designation circuit (208) adjusts a maximum transmission power of the transmission signal by designating the decided maximum amplification factor to a transmission amplifier (204). <IMAGE>

IPC 8 full level

H03G 3/20 (2006.01); **H04B 7/005** (2006.01); **H04B 7/26** (2006.01); **H04M 1/73** (2006.01)

CPC (source: EP US)

H04W 52/08 (2013.01 - EP US); **H04W 52/24** (2013.01 - EP US); **H04W 52/28** (2013.01 - EP US); H04W 52/283 (2013.01 - EP US); H04W 52/58 (2013.01 - EP US)

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EP 1187362 A2 20020313; **EP 1187362 A3 20021016**; **EP 1187362 B1 20060503**; CN 1187923 C 20050202; CN 1346188 A 20020424; DE 60045197 D1 20101216; DE 60119247 D1 20060608; DE 60119247 T2 20070208; DE 60141544 D1 20100422; DE 60143411 D1 20101216; EP 1545021 A1 20050622; EP 1545021 B1 20101103; EP 1679804 A1 20060712; EP 1679804 B1 20100310; EP 1841090 A1 20071003; EP 1841090 A8 20081008; EP 1841090 B1 20101103; EP 1942585 A1 20080709; EP 1942585 B1 20121212; JP 2002094451 A 20020329; JP 3848068 B2 20061122; US 2002071408 A1 20020613; US 7489663 B2 20090210

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